

PURCHASE DESCRIPTION
TEST REQUIREMENTS FOR WALL BEDS

The contractor is responsible for conducting performance test requirements as specified herein. The contractor may use his own or any other facilities suitable for the performance of the tests. The Government reserves the right to witness any tests where such inspections are deemed necessary to assure that the wall beds meet all test requirements.

General Test Requirements.

1. Complete, passing test results, recorded on the Wall Bed Test Report Form included within this document, shall be submitted with the offer in order for the bed to be considered for award. Test reports shall be signed and dated by both the person performing the tests and the person who is submitting the offer.
2. **One clear, original photograph** of each test being performed on the applicable bed shall also be submitted with the test reports.
3. Test reports shall be not more than three (3) years old at the time an offer is submitted. All performance test reports must be updated when they are five (5) years old, or sooner if any modifications are made to the bed design, construction or materials during the five-year period. It is the supplier's responsibility to track the age of test reports. When the five year age limit is approaching, the supplier shall retest his products and provide the new test reports to the contracting officer for approval, so that by the five year mark, updated test reports will be in place.

Tests.

A. Bed Mechanism Cycle Test.

Shall be performed on the **KING SIZE OR LARGEST** model being offered.

Bed mechanisms shall be cycle tested by means of attaching a mechanical arm to the frame of the wall bed that it continually lifts and lowers the bed from a use or horizontal position to stored or vertical position. During the course of testing, no maintenance, lubrication or alterations to the bed are permitted. Perform the cycle test by continually lifting and lowering the wall beds from the use/horizontal position to a stored/vertical position 10,000 times at a rate of 2 cycles per minute.

After testing, manually repeat the lifting and lowering cycle while inspecting for any impaired operation of the bed mechanism, binding or damage of components. Failure of the wall bed mechanism to operate smoothly and quietly without increased effort, shall be cause for rejection.

B. Stability Test. (See figure 1.) Test is applicable to **TWIN SIZE** wall bed models where the location of the bed pivot point is **not** behind the bed frame (space exists between bed pivot point and headboard).

Place the wall bed in the use/horizontal position. Apply an evenly distributed mass that exerts a 222 N force in the area between the bed pivot point and the headboard. Force shall be applied for one minute.

Failure of the wall bed to remain in contact with the floor or level surface where it is tested, shall be cause for rejection.

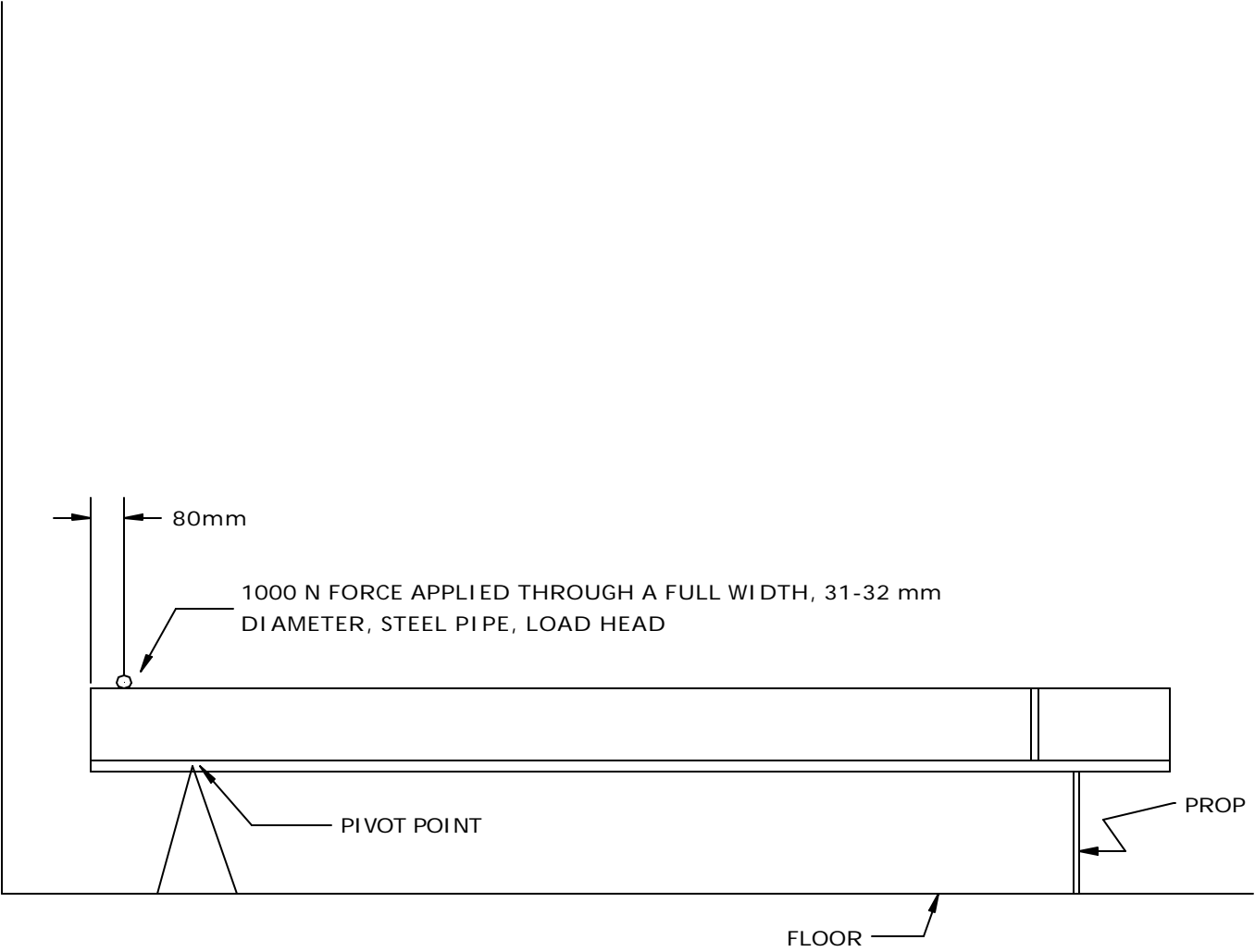


FIGURE 1
Wall Bed Stability Test

WALL BED TEST REPORT FORM

Test Report # : _____ Date tests completed _____

Name of wall bed manufacturer: _____

Style/model of wall bed tested: _____

Name of furniture line to which this bed belongs: _____

Type of wall bed: _____

- Fastens to the floor - operates independently of cabinets or walls around it, or
- Not fastened to the floor - pivots off of cabinets on either side of the bed.

Distance from the bed pivot point to headboard end of the bed frame: _____

- "0" if pivot point is behind the bed frame
- "x mm" if space exists between bed pivot point and the headboard end of the headboard.

RESULTS

A. Bed Mechanism Cycle Test: Pass _____ Fail _____

Number of cycles performed: _____ cycles

B. Stability Test: Pass _____ Fail _____

Name of person who performed the tests (printed) _____

Signature _____

Name and address of test facility _____

Phone number (for questions) _____

**Name of person who is submitting
offer** (printed) _____

Signature_____ Date_____

Company name _____

Phone number (for questions)_____